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*Jan C. Baber*  
Attorney of Record

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8/23/95

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: James A. Thomson, et al.  
Serial No.: 08/376,327  
Filed: January 20, 1995  
For: PRIMATE EMBRYONIC STEM CELLS  
Group Art Unit: --  
Examiner: --  
Docket No.: 960296.92905

Commissioner of Patents  
and Trademarks  
Washington, DC 20231

INFORMATION DISCLOSURE STATEMENT  
UNDER 37 CFR § 1.97 AND § 1.98

Dear Sir:

In the matter of the above-identified case, Applicants respectfully present the following references to the Examiner for review:

Patent

A. Tsukamoto, et al., 5,061,620, October 29, 1991.

Documents

"Embryonic monkey cells isolated," The Milwaukee Journal, November 4, 1994.

A. Bongso, et al., "Isolation and culture of inner cell mass cells from human blastocysts," Human Reprod. 9[11]:2110-2117, 1994.

E. Marshall, "Rules on Embryo Research Due Out," Science 265:1024-1026, 1994.

P. Andrews, et al., "Cell lines from human germ cell tumours," Chapter 8, pp. 207-248, in Teratocarcinomas and

Embryonic Stem Cells; A Practical Approach, Oxford: IRL Press, 1987.

P. Seshagiri, et al., "Non-Surgical Uterine Flushing for the Recovery of Preimplantation Embryos in Rhesus Monkeys: Lack of Seasonal Infertility," Am. J. Primatol. 29:81-91, 1993.

T. Doetschman, et al., "The *in vitro* development of blastocyst-derived embryonic stem cell lines: formation of visceral yolk sac, blood islands and myocardium," J. Embryol. exp. Morph. 87:27-45, 1985.

R. Williams, et al., "Myeloid leukaemia inhibitory factor maintains the developmental potential of embryonic stem cells," Nature 336:684-692, 1988.

M. Evans, et al., "Establishment in culture of pluripotential cells from mouse embryos," Nature 292:154-156, 1981.

J. Giles, et al., "Pluripotency of Cultured Rabbit Inner Cell Mass Cells Detected by Isozyme Analysis and Eye Pigmentation of Fetuses Following Injection Into Blastocysts or Morulae," Mol. Reprod. Dev. 36:130-138, 1993.

E. Notarianni, et al., "Maintenance and differentiation in culture of pluripotential embryonic cell lines from pig blastocysts," J. Reprod. Fert. Suppl. 41:51-56, 1990.

M. Evans, et al., "Derivation and Preliminary Characterization of Pluripotent Cell Lines from Porcine and Bovine Blastocysts," Theriogenology 33[1]:125-128, 1990.

J. Rossant, et al., "The relationship between embryonic, embryonal carcinoma and embryo-derived stem cells," Cell Diff. 15:155-161, 1984.

P. Andrews, et al., "Pluripotent Embryonal Carcinoma Clones Derived from the Human Teratocarcinoma Cell Line Tera-2," Lab. Invest. 50[2]:147-162, 1984.

T. Lapidot, et al., "Modeling Human Hematopoiesis in Immunodeficient Mice," Lab. Animal Sci. 43[2]:147-149, 1993.

J. Wenk, et al., "Glycolipids of Germ Cell Tumors: Extended Globo-series Glycolipids are a Hallmark of Human Embryonal Carcinoma Cells," Int. J. Can. 58:108-115, 1994.

A. Bongso, et al., "The Growth of Inner Cell Mass Cells from Human Blastocysts," Theriogenology 41:167, 1994.

M. Sukoyan, et al., "Isolation and Cultivation of Blastocyst-derived Stem Cell Lines From American Mink (*Mustela vison*)," Mol. Reprod. Dev. 33:418-431, 1992.

M. Sukoyan, et al., "Embryonic Stem Cells Derived From Morulae, Inner Cell Mass, and Blastocysts of Mink: Comparisons of Their Pluripotencies," Mol. Reprod. Dev. 36:148-158, 1993.

K. Graves, et al., "Derivation and Characterization of Putative Pluripotential Embryonic Stem Cells From Preimplantation Rabbit Embryos," Mol. Reprod. Dev. 36:424-433, 1993.

J. Thomson, et al., "Nonsurgical uterine stage preimplantation embryo collection from the common marmoset," J. Med. Primatol. 23:333-336, 1994.

T. Golos, et al., "Cloning of Four Growth Hormone/Chorionic Somatomammotropin-related Complementary Deoxyribonucleic Acids Differentially Expressed during Pregnancy in the Rhesus Monkey Placenta," Endocrinology 133[4]:1744-1752, 1993.

#### Remarks

One copy of each reference and a Form PTO-1449 is included herewith. No fees are believed necessary to enter

this statement. However, if a fee is necessary, please  
charge deposit account 17-0055.

Respectfully submitted,

James A. Thomson, et al.

April 7, 1995

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